



**Certified
Environmental
Services, Inc.**

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

June 4, 2013

Mr. Harry Warner
New York State Department of Environmental Conservation - Region 7
650 Erie Boulevard West
Syracuse, New York 13

Re: RH Law, Inc. - Spill #12-07324 Summary of Analytical Results
IT @ Syracuse Central - 258 East Adams Street, Syracuse, NY

Dear Mr. Warner:

Certified Environmental Services, Inc. (CES) was retained by Robert H. Law, Inc. (RH Law) to provide environmental support services for top soil sampling and analysis at the Institute of Technology (IT) at Syracuse Central, 258 East Adams Street, Syracuse, New York 13202. The soil had been distributed to the job site prior to the discovery of possible PCB contamination associated with the source of the soil. The area was finished as a grass area along the east and south sides of the new addition.

In order to determine whether the soil at any of this site was impacted by PCB contamination, CES collected and analyzed soil samples, on behalf of RH Law, of the top soil in question, in general accordance with the DEC-approved sampling plan proposed by CES and dated April 19, 2013. Sample collection occurred on May 2, 2013.

Background:

In September 2012, CES sampled and analyzed approximately 4,000 cubic yards of top soil staged at RH Law's facility located at 6883 Schyler Road in East Syracuse, New York. The soil had been collected by RH Law from several off-site local source locations within Onondaga County. PCB concentrations, specifically Arochlor 1248, were found in several of the samples, ranging from 0.028 to 16 parts per million (ppm). As a result, the NYSDEC assigned spill number 12-07324 to the site. Prior to the sampling and analysis, a portion of the soil had been distributed to other sites, including Lemoyne College.

Sampling Procedure:

CES collected soils samples, in general, as follows:

1. For areas that were narrow and long in shape, the area was sectioned off into approximate twenty foot (20') linear sections. Six (6) to seven (7) grab samples were collected from each section and composited into one (1) soil sample for analysis.

Mr. Warner

Re: RH Law, Inc. - Spill #12-07324 Summary of Analytical Results

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2. For larger areas, the area was sectioned off into approximate twenty foot (20') by twenty foot (20') sections. Six (6) to seven (7) grab samples were collected from each section and composited into one (1) soil sample for analysis.
3. The sections were marked off in the field using iron pins for future use in determining the extent of the areas that were impacted.
4. Samples were collected from the surface (excluding sod/grass/etc.) to approximately six inches (6") depth below surface or to the bottom of the top soil layer, whichever was deeper.
5. The composite soil samples were be submitted to CES's New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) approved laboratory (ELAP #11246) for PCB analysis via Method 8082.
6. One (1) set of split/duplicate samples was collected from the site for quality assurance purposes. The split sample was submitted to Life Science Laboratories, Inc. (ELAP #10248) for analysis.

Samples were collected using a stainless steel bulb planter, steel shovel, and plastic plunger-type sample vials which were pushed directly into the soil. Representative grab samples were collected from each of six or seven shallow holes and composited into approximate four-ounce samples and transferred to glass sample jars with Teflon lids. In addition, a blind field duplicate was collected. A total of twenty-one (21) samples were collected from the IT at Syracuse Central site. A sampling map depicting the approximate locations of the soil samples for each location has been provided as Figure 1.

Laboratory Analysis:

Review of the completed analytical results indicated the presence of PCBs, specifically Arochlor 1248, in concentrations which exceed the NYSDEC DER-10 5.4 limits for restricted use of one part per million (1 ppm), for unrestricted use of 0.1 ppm, as well as the NYSDEC CP-51 soil cleanup objective for Non-BCP sites of 1 ppm for surface soils and 10 ppm for subsurface soils. Detected concentrations of Arochlor 1248 ranged from 1.4 to 75 ppm. There were no PCBs detected in four of the composite soil samples. A summary table of all of the laboratory results has been provided as Table 1 and the laboratory analytical reports have also been attached.

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Conclusions and Recommendations:

Since the majority all of the soil was determined to be greater than one parts per million (>1 ppm) total detected PCB's, these areas are scheduled to be removed and properly disposed of by RH Law and appropriate sub-contractors. Since there were no PCBs detected in four of the areas (C-3, C-4, C-5 and C-6), these areas are not scheduled to be removed. CES personnel will collect representative samples of the remaining sub-surface soil following the stripping of the top soil.

If you have any questions regarding this project, or if I can be of assistance on any other matter, please do not hesitate to call me at (315) 478-2374, extension 308.

Sincerely,

CERTIFIED ENVIRONMENTAL SERVICES, INC.

Nicole R. Copeland

Nicole R. Copeland
Technical Services Manager

Attachments

Figure 1: PCB Sampling Map

Table 1: Summary of Analytical Data for Surface Soil

Laboratory Analytical Reports

cc: Richard Law, *Robert H. Law, Inc.* (with attachments)



COMPOSITE SAMPLES COLLECTED FROM EACH GRID SECTION FROM THE TOP SOIL LAYER APPROXIMATELY SURFACE TO FOUR INCHES BELOW GRADE. A TOTAL OF SIX GRAB SAMPLES WERE COLLECTED TO FORM EACH COMPOSITE SAMPLE. SAMPLES COLLECTED BY CES PERSONNEL ON MAY 2, 2013.

INSTITUTE OF TECHNOLOGY
@ SYRACUSE CENTRAL
258 EAST ADAMS STREET
SYRACUSE, NEW YORK 13202

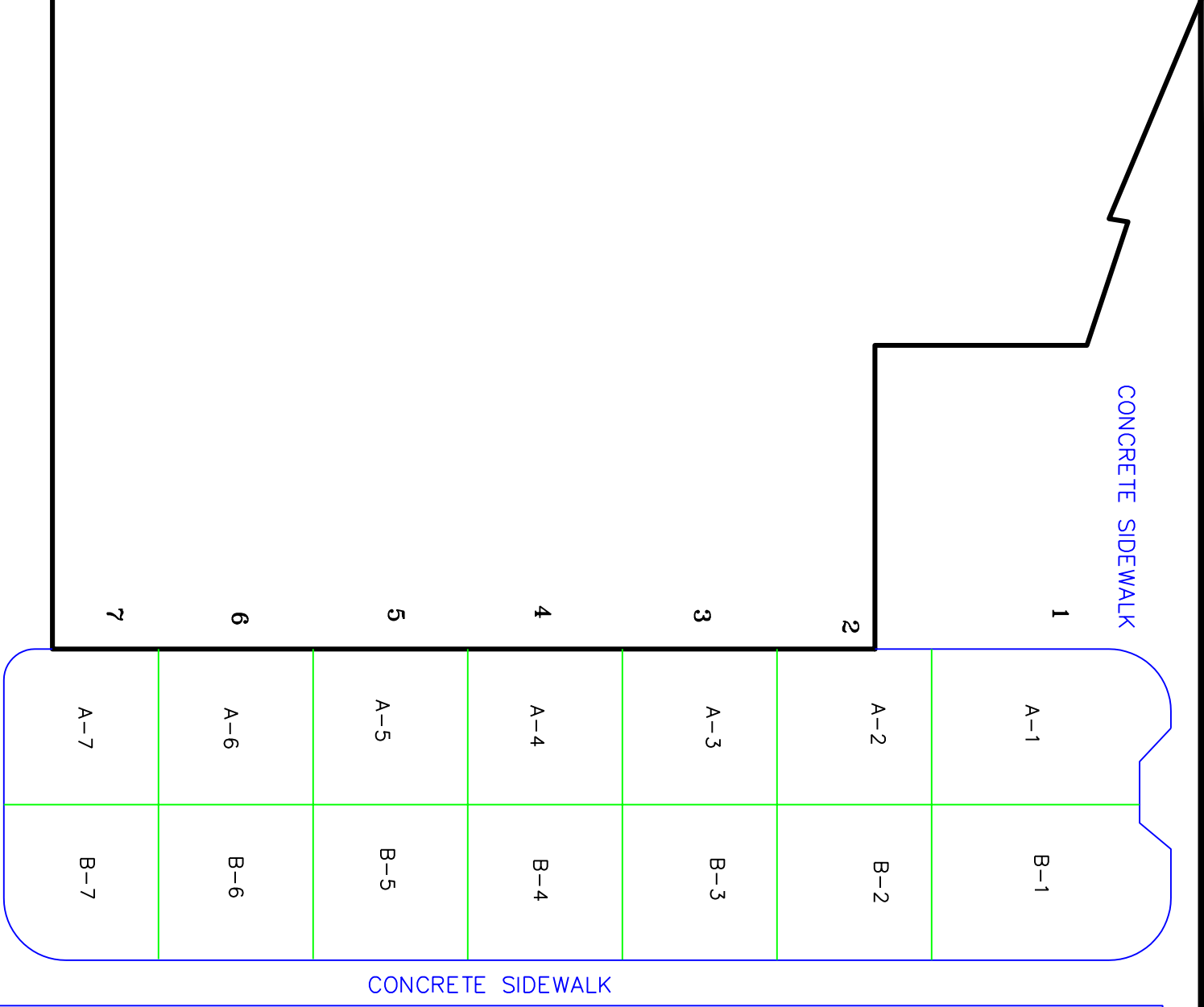
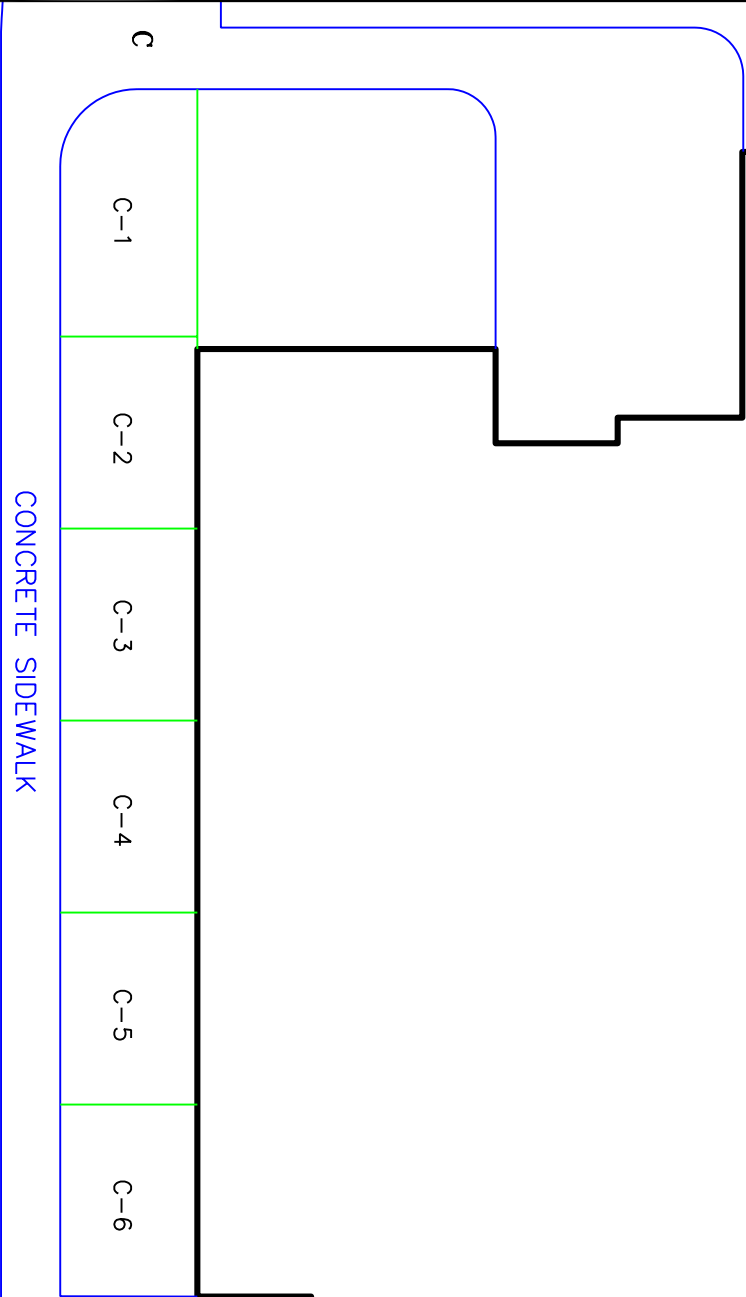


FIGURE 1 | APPROX. SCALE: 1"=20' | DATE: May 2013

PCB SAMPLING MAP
RH Low, Inc. (Spill #1207324)
IT @ Syracuse Central
Syracuse, New York

CES Certified Environmental Services, Inc.

Robert H. Law, Inc.

Institute of Technology @ Syracuse Central, 258 East Adams Street, Syracuse, NY (Spill #1207324)

TABLE 1: Summary of Analytical Data from Surface Soil (0-4") - Composites (Samples Collected 5/2/2013)

Sample ID	CES Log #	PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total Detected PCBs
A-1	647381	mg/Kg dry	< 0.8	< 0.8	< 0.8	< 0.8	1.4	< 0.8	< 0.8	1.4
A-2	647382	mg/Kg dry	< 1.0	< 1.0	< 1.0	< 1.0	4.1	< 1.0	< 1.0	4.1
A-3	647383	mg/Kg dry	< 2.0	< 2.0	< 2.0	< 2.0	9.5	< 2.0	< 2.0	9.5
A-4	647384	mg/Kg dry	< 0.8	< 0.8	< 0.8	< 0.8	2.7	< 0.8	< 0.8	2.7
A-5	647385	mg/Kg dry	< 4.0	< 4.0	< 4.0	< 4.0	26	< 4.0	< 4.0	26
A-6	647386	mg/Kg dry	< 20	< 20	< 20	< 20	54	< 20	< 20	54
A-7	647387	mg/Kg dry	< 19	< 19	< 19	< 19	64	< 19	< 19	64
B-1	647388	mg/Kg dry	< 1.9	< 1.9	< 1.9	< 1.9	13	< 1.9	< 1.9	13
B-2	347389	mg/Kg dry	< 4.0	< 4.0	< 4.0	< 4.0	18	< 4.0	< 4.0	18
B-3	647390	mg/Kg dry	< 20	< 20	< 20	< 20	75	< 20	< 20	75
B-4	647391	mg/Kg dry	< 7.8	< 7.8	< 7.8	< 7.8	36	< 7.8	< 7.8	36
B-5	647392	mg/Kg dry	< 7.8	< 7.8	< 7.8	< 7.8	33	< 7.8	< 7.8	33
B-6	647393	mg/Kg dry	< 7.9	< 7.9	< 7.9	< 7.9	31	< 7.9	< 7.9	31
B-7	647394	mg/Kg dry	< 3.9	< 3.9	< 3.9	< 3.9	17	< 3.9	< 3.9	17
C-1	647395*	mg/Kg dry	< 0.5	< 0.5	< 0.5	< 0.5	1.6*	< 0.5	< 0.5	1.6
C-2	647396	mg/Kg dry	< 1.9	< 1.9	< 1.9	< 1.9	4.2	< 1.9	< 1.9	4.2
C-3	647397	mg/Kg dry	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	ND
C-4	647398	mg/Kg dry	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	ND
C-5	647399	mg/Kg dry	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	ND
C-6	647400	mg/Kg dry	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	ND
Field Duplicate	647401	mg/Kg dry	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	ND

NOTE: NYSDEC DER-10 5.4 limits for restricted use = 1 ppm (mg/Kg), for unrestricted use = 0.1 ppm (mg/Kg); NYSDEC CP-51 soil cleanup objective for Non-BCP site = 1 ppm for surface soils and 10 ppm for subsurface soils.

* Sample Split with LSL. Arochlor 1248 = 1.8 mg/Kg dry (Prep Method EPA 3550B).

Field Duplicate = C-6

ND = None Detected



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REPORT OF ANALYSES

Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647381 SAMPLE ID- A-1 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1440
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

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ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C
#Percent Solids	SM18-2540B		05/06/13		RS	88 %
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/12/13		BLD	
Aroclor 1016	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/12/13		BLD	1.4 mg/Kg dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/12/13		BLD	84 %
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/12/13		BLD	84 %

Note: Continuing calibration recovery for Aroclor 1248 117% (Limits 85-115%)
(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY: Rachel R Bonczyk
(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



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6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647382 SAMPLE ID- A-2
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland

SAMPLE MATRIX- SO
TIME SAMPLED- 1442
RECEIVED BY- KC
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C	
#Percent Solids	SM18-2540B		05/06/13		RS	85 %	
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/12/13		BLD		
Aroclor 1016	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.0 mg/Kg	dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.0 mg/Kg	dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.0 mg/Kg	dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.0 mg/Kg	dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/12/13		BLD	4.1 mg/Kg	dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.0 mg/Kg	dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.0 mg/Kg	dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/12/13		BLD	80 %	
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/12/13		BLD	78 %	

Note: Continuing calibration recovery for Aroclor 1248 117% (Limits 85-115%)
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NYSDOH LAB ID NO. 11246

APPROVED BY: Rachel R. Bonczyk
(Terms and Conditions on Reverse Side)

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Technical Director

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Robert H. Law, Inc.
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East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647383 SAMPLE ID- A-3 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1444
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

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ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4	Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	84	%
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/12/13		BLD		
Aroclor 1016	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 2.0	mg/Kg dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 2.0	mg/Kg dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 2.0	mg/Kg dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 2.0	mg/Kg dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/12/13		BLD	9.5	mg/Kg dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 2.0	mg/Kg dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 2.0	mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/12/13		BLD	75	%
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/12/13		BLD	120	%

Note: Continuing calibration recovery for Aroclor 1248 117% (Limits 85-115%)
(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY: Rachel R. Bonczyk
(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



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6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647384 SAMPLE ID- A-4 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1446
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C	
#Percent Solids	SM18-2540B		05/09/13		RS	85 %	
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/12/13		BLD		
Aroclor 1016	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg	dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg	dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg	dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg	dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/12/13		BLD	2.7 mg/Kg	dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg	dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 0.8 mg/Kg	dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/12/13		BLD	94 %	
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/12/13		BLD	106 %	

Note: Continuing calibration recovery for Aroclor 1248 117% (Limits 85-115%)
(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY: Rachel R. Bonczyk
(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



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Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647385 SAMPLE ID- A-5
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland

SAMPLE MATRIX- SO
TIME SAMPLED- 1448
RECEIVED BY- KC
TYPE SAMPLE- Composite

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ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	85 %
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/12/13		BLD	
Aroclor 1016	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/22/13		BLD	26 mg/Kg dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/12/13		BLD	130 %
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/12/13		BLD	110 %

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

Rachel R. Bonczyk
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Rachel R. Bonczyk
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Sample received above acceptable temperature requirement of 0-6 degrees C



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6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647386 SAMPLE ID- A-6 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1450
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

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ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	85 %
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/12/13		BLD	
Aroclor 1016	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 20 mg/Kg dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 20 mg/Kg dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 20 mg/Kg dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 20 mg/Kg dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/22/13		BLD	54 mg/Kg dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 20 mg/Kg dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 20 mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/12/13		BLD	DO %
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/12/13		BLD	DO %

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

Rachel R. Bonczyk
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Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



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East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647387 SAMPLE ID- A-7
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland

SAMPLE MATRIX- SO
TIME SAMPLED- 1453
RECEIVED BY- KC
TYPE SAMPLE- Composite

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ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4	Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	87	%
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/12/13		BLD		
Aroclor 1016	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 19	mg/Kg dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 19	mg/Kg dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 19	mg/Kg dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 19	mg/Kg dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/22/13		BLD	64	mg/Kg dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 19	mg/Kg dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 19	mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/12/13		BLD	DO	%
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/12/13		BLD	DO	%

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY: Rachel R Bonczyk
(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



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7280 Caswell Place
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647388 SAMPLE ID- B-1 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1455
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C	
#Percent Solids	SM18-2540B		05/09/13		RS	87 %	
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/12/13		BLD		
Aroclor 1016	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.9 mg/Kg	dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.9 mg/Kg	dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.9 mg/Kg	dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.9 mg/Kg	dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/12/13		BLD	13 mg/Kg	dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.9 mg/Kg	dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 1.9 mg/Kg	dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/12/13		BLD	95 %	
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/12/13		BLD	90 %	

Note: Continuing calibration recovery for Aroclor 1248 117% (Limits 85-115%)
(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY: Rachel R. Bonczyk
(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

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REPORT OF ANALYSES

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6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647389 SAMPLE ID- B-2
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland

SAMPLE MATRIX- SO
TIME SAMPLED- 1458
RECEIVED BY- KC
TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	84 %
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/12/13		BLD	
Aroclor 1016	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/12/13		BLD	18 mg/Kg dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/12/13		BLD	< 4.0 mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/12/13		BLD	DO %
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/12/13		BLD	120 %

Note: Continuing calibration recovery for Aroclor 1248 117% (Limits 85-115%)
(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

Rachel R. Bonczyk
(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



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REPORT OF ANALYSES

Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647390 SAMPLE ID- B-3
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland
SAMPLE MATRIX- SO
TIME SAMPLED- 1500
RECEIVED BY- KC
TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4	Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	84	%
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/19/13		BLD		
Aroclor 1016	EPA 8082	05/07/13	KSH 05/19/13		BLD	< 20	mg/Kg dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/19/13		BLD	< 20	mg/Kg dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/19/13		BLD	< 20	mg/Kg dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/19/13		BLD	< 20	mg/Kg dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/19/13		BLD	75	mg/Kg dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/19/13		BLD	< 20	mg/Kg dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/19/13		BLD	< 20	mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/19/13		BLD	DO	%
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/19/13		BLD	DO	%

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Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647391 SAMPLE ID- B-4 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1440
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C	
#Percent Solids	SM18-2540B		05/09/13		RS	86 %	
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/21/13		BLD		
Aroclor 1016	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg	dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg	dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg	dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg	dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/21/13		BLD	36 mg/Kg	dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg	dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg	dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/21/13		BLD	DO %	
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/21/13		BLD	DO %	

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY: Rachel R. Bonczyk
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Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



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East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647392 SAMPLE ID- B-5 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1442
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	85 %
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/21/13		BLD	
Aroclor 1016	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/21/13		BLD	33 mg/Kg dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.8 mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/21/13		BLD	DO %
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/21/13		BLD	DO %

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

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Rachel R. Bonczyk
Technical Director

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East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647393 SAMPLE ID- B-6 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1442
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4	Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	84	%
PCB's in Solid 3540C/8082	EPA 8082	05/07/13	KSH 05/21/13		BLD		
Aroclor 1016	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.9	mg/Kg dry
Aroclor 1221	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.9	mg/Kg dry
Aroclor 1232	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.9	mg/Kg dry
Aroclor 1242	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.9	mg/Kg dry
Aroclor 1248	EPA 8082	05/07/13	KSH 05/21/13		BLD	31	mg/Kg dry
Aroclor 1254	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.9	mg/Kg dry
Aroclor 1260	EPA 8082	05/07/13	KSH 05/21/13		BLD	< 7.9	mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/07/13	KSH 05/21/13		BLD	DO	%
Decachlorobiphenyl (48-150)	EPA 8082	05/07/13	KSH 05/21/13		BLD	DO	%

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

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(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

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REPORT OF ANALYSES

Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647394 SAMPLE ID- B-7
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland
SAMPLE MATRIX- SO
TIME SAMPLED- 1446
RECEIVED BY- KC
TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4	Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	86	%
PCB's in Solid 3540C/8082	EPA 8082	05/18/13	KSH 05/22/13		BLD		
Aroclor 1016	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 3.9	mg/Kg dry
Aroclor 1221	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 3.9	mg/Kg dry
Aroclor 1232	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 3.9	mg/Kg dry
Aroclor 1242	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 3.9	mg/Kg dry
Aroclor 1248	EPA 8082	05/18/13	KSH 05/22/13		BLD	17	mg/Kg dry
Aroclor 1254	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 3.9	mg/Kg dry
Aroclor 1260	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 3.9	mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/18/13	KSH 05/22/13		BLD	100	%
Decachlorobiphenyl (48-150)	EPA 8082	05/18/13	KSH 05/22/13		BLD	85	%

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

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(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



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REPORT OF ANALYSES

Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647395 SAMPLE ID- C-1
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland

SAMPLE MATRIX- SO
TIME SAMPLED- 1448
RECEIVED BY- KC
TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	85 %
PCB's in Solid 3540C/8082	EPA 8082	05/18/13	KSH 05/22/13		BLD	
Aroclor 1016	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.5 mg/Kg dry
Aroclor 1221	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.5 mg/Kg dry
Aroclor 1232	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.5 mg/Kg dry
Aroclor 1242	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.5 mg/Kg dry
Aroclor 1248	EPA 8082	05/18/13	KSH 05/22/13		BLD	1.6 mg/Kg dry
Aroclor 1254	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.5 mg/Kg dry
Aroclor 1260	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.5 mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/18/13	KSH 05/22/13		BLD	72 %
Decachlorobiphenyl (48-150)	EPA 8082	05/18/13	KSH 05/22/13		BLD	75 %

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

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(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

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REPORT OF ANALYSES

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6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647396 SAMPLE ID- C-2
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland
SAMPLE MATRIX- SO
TIME SAMPLED- 1450
RECEIVED BY- KC
TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	86 %
PCB's in Solid 3540C/8082	EPA 8082	05/18/13	KSH 05/22/13		BLD	
Aroclor 1016	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 1.9 mg/Kg dry
Aroclor 1221	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 1.9 mg/Kg dry
Aroclor 1232	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 1.9 mg/Kg dry
Aroclor 1242	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 1.9 mg/Kg dry
Aroclor 1248	EPA 8082	05/18/13	KSH 05/22/13		BLD	4.2 mg/Kg dry
Aroclor 1254	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 1.9 mg/Kg dry
Aroclor 1260	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 1.9 mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/18/13	KSH 05/22/13		BLD	105 %
Decachlorobiphenyl (48-150)	EPA 8082	05/18/13	KSH 05/22/13		BLD	90 %

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

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(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

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East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647397 SAMPLE ID- C-3 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1453
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	86 %
PCB's in Solid 3540C/8082	EPA 8082	05/18/13	KSH 05/22/13		BLD	
Aroclor 1016	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1221	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1232	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1242	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1248	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1254	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1260	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/18/13	KSH 05/22/13		BLD	73 %
Decachlorobiphenyl (48-150)	EPA 8082	05/18/13	KSH 05/22/13		BLD	73 %

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

Rachel R. Bonczyk
(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



**Certified
Environmental
Services, Inc.**

7280 Caswell Place
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647398 SAMPLE ID- C-4
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland
SAMPLE MATRIX- SO
TIME SAMPLED- 1455
RECEIVED BY- KC
TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	91 %
PCB's in Solid 3540C/8082	EPA 8082	05/18/13	KSH 05/22/13		BLD	
Aroclor 1016	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1221	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1232	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1242	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1248	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1254	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Aroclor 1260	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/18/13	KSH 05/22/13		BLD	85 %
Decachlorobiphenyl (48-150)	EPA 8082	05/18/13	KSH 05/22/13		BLD	70 %

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:

Rachel R. Bonczyk
(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



**Certified
Environmental
Services, Inc.**

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REPORT OF ANALYSES

Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647399 SAMPLE ID- C-5
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland
SAMPLE MATRIX- SO
TIME SAMPLED- 1458
RECEIVED BY- KC
TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4	Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	86	%
PCB's in Solid 3540C/8082	EPA 8082	05/18/13	KSH 05/22/13		BLD		
Aroclor 1016	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1221	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1232	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1242	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1248	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1254	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1260	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/18/13	KSH 05/22/13		BLD	78	%
Decachlorobiphenyl (48-150)	EPA 8082	05/18/13	KSH 05/22/13		BLD	80	%

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



**Certified
Environmental
Services, Inc.**

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REPORT OF ANALYSES

Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647400 SAMPLE ID- C-6 SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13 TIME SAMPLED- 1500
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4 Degrees C	
#Percent Solids	SM18-2540B		05/09/13		RS	87 %	
PCB's in Solid 3540C/8082	EPA 8082	05/18/13	KSH 05/22/13		BLD		
Aroclor 1016	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg	dry
Aroclor 1221	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg	dry
Aroclor 1232	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg	dry
Aroclor 1242	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg	dry
Aroclor 1248	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg	dry
Aroclor 1254	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg	dry
Aroclor 1260	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1 mg/Kg	dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/18/13	KSH 05/22/13		BLD	100 %	
Decachlorobiphenyl (48-150)	EPA 8082	05/18/13	KSH 05/22/13		BLD	85 %	

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY: Rachel R. Bonczyk
(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C



**Certified
Environmental
Services, Inc.**

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North Syracuse, NY 13212
Phone 315-478-2374
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REPORT OF ANALYSES

Robert H. Law, Inc.
6883 Schuyler Road
East Syracuse, NY 13057-
Attn: Mr. Richard Law

PROJECT NAME: Institute of Tech @ Syr.
DATE: 05/22/2013

SAMPLE NUMBER- 647401 SAMPLE ID- Field Duplicate SAMPLE MATRIX- SO
DATE SAMPLED- 05/02/13
DATE RECEIVED- 05/02/13 SAMPLER- CES Personnel RECEIVED BY- KC
TIME RECEIVED- 1605 DELIVERED BY- Nicole Copeland TYPE SAMPLE- Composite

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature			05/02/13		KC	27.4	Degrees C
#Percent Solids	SM18-2540B		05/09/13		RS	85	%
PCB's in Solid 3540C/8082	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1016	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1221	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1232	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1242	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1248	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1254	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Aroclor 1260	EPA 8082	05/18/13	KSH 05/22/13		BLD	< 0.1	mg/Kg dry
Tetrachloro-m-xylene (40-140)	EPA 8082	05/18/13	KSH 05/22/13		BLD	95	%
Decachlorobiphenyl (48-150)	EPA 8082	05/18/13	KSH 05/22/13		BLD	85	%

(#) - NYS ELAP does not offer accreditation for this parameter.

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

Sample received above acceptable temperature requirement of 0-6 degrees C

CHAIN OF CUSTODY RECORD (SEE BACK FOR TERMS & CONDITIONS)



Certified Environmental Services, Inc.

7280 Caswell St. (Hancock Air Park)
North Syracuse, New York 13212
Phone 315-478-2374
Fax 315-478-2107

CLIENT NAME: Robert H. Law, Inc.

CLIENT PHONE: 437-5906

FAX:

ADDRESS: 6883 Schuyler Road

PROJECT #/NAME/PO #: Institute of Tech. @ Syracuse
Central, 258 East Adams Street, Syracuse, NY
(Spill #1207324)

CONTACT NAME: Richard Law

CES LOG NUMBERS

(INTERNAL USE DO NOT WRITE)

CES LOG NUMBERS	Collected		Matrix	Grab or Comp.	CLIENT ID/SAMPLE LOCATION	Number of Containers										Remarks
	Date	Time				1	2	3	4	5	6	7	8	9	10	
647381	5/2/13	1440	soil	comp	A-1	2	x									EXTRA SAMPLE
382	5/2/13	1442	soil	comp	A-2	1	x									
383	5/2/13	1444	soil	comp	A-3	1	x									
384	5/2/13	1446	soil	comp	A-4	1	x									
385	5/2/13	1448	soil	comp	A-5	1	x									
386	5/2/13	1450	soil	comp	A-6	1	x									
387	5/2/13	1453	soil	comp	A-7	1	x									
388	5/2/13	1455	soil	comp	B-1	1	x									
389	5/2/13	1458	soil	comp	B-2	1	x									
390	5/2/13	1500	soil	comp	B-3	1	x									

Parameter and Method:

1 PCB's (note total DL <1 ppm)

Sample bottle:

Type Size

Preservative Code:

A

Samples Collected By:

K. Dickhut, N. Copeland, P. Marzocchi

Remarks:

Report to N. Copeland

All Samples from surface to ~4" BG

RELINQUISHED BY:

Name: Nicole Copeland

Signature: [Signature]

Date: 5/2/13 1605

RECEIVED BY:

Name: K. Dickhut

Signature: [Signature]

Date: 5/2/13 1605

Signature: [Signature]

Samples Received in Good Condition:

☐ Yes ☐ No

Receipt Temperature: 27.4 °C

27.4 °C

CHAIN OF CUSTODY RECORD (SEE BACK FOR TERMS & CONDITIONS)



Certified
Environmental
Services, Inc.

7280 Caswell St. (Hancock Air Park)
North Syracuse, New York 13212
Phone 315-478-2374
Fax 315-478-2107

CES BATCH NO: DIS25 PAGE 2 OF 3

Standard TAT is end of day. 10 working days after lab receipt. Samples received after 2 pm are considered next-day business. Rush TAT subject to laboratory approval and surcharges.

Turn-Around Time: ☒ Standard ☐ 2 Working Days ☐ 3 Working Days

☐ 2 Working Days ☐ 1 Working Days

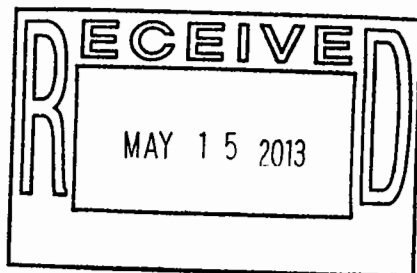
CLIENT NAME: Robert H. Law, Inc.		CLIENT PHONE: 437-5906		FAX:	
ADDRESS: 6883 Schuyler Road		PROJECT #/NAME/PO #: Institute of Tech. @ Syracuse			
CONTACT NAME: Richard Law		Central, 258 East Adams Street, Syracuse, NY			
		(Spill #1207324)			

CES LOG NUMBERS (INTERNAL USE/DO NOT WRITE)	Collected		Matrix	Grab or Comp.	CLIENT ID/SAMPLE LOCATION	Number of Containers										Remarks	
	Date	Time				1	2	3	4	5	6	7	8	9	10		
647391	5/2/13	1440	soil	comp	B-4	1	X										
390	5/2/13	1442	soil	comp	B-5	1	X										
393	5/2/13	1444	soil	comp	B-6	1	X										
394	5/2/13	1446	soil	comp	B-7	1	X										
395	5/2/13	1448	soil	comp	C-1	2	X										SPLIT WITH A LAB
396	5/2/13	1450	soil	comp	C-2	1	X										
397	5/2/13	1453	soil	comp	C-3	1	X										
398	5/2/13	1455	soil	comp	C-4	1	X										
399	5/2/13	1458	soil	comp	C-5	1	X										
400	5/2/13	1500	soil	comp	C-6	1	X										

Preservative Codes: A= Unpreserved B=H ₂ SO ₄ C=HCl D=NaOH E=Ascorbic Acid F=HNO ₃		G=Na ₂ S ₂ O ₃ H=		I=	
Sample bottle: Type Size		glass 4 oz			
Preservative Code: A					
Samples Collected By: Name (Print): K. D. Gilbert, N. Copeland, P. Marzocchi					
Signature: [Signature]					
Company: Certified Environmental Services		to ~4" BG			
Remarks: Report to N. Copeland		All Samples from surface			

RELINQUISHED BY:		Date		Time		RECEIVED BY:	
Name: Nick Copeland		5/2/13		1605		Name: K. Gilbert	
Signature: [Signature]						Signature: [Signature]	
Name:						Name:	
Signature:						Signature:	

Samples Received in Good Condition:		Receipt Temperature: 27.4°C	
<input type="checkbox"/> Yes <input type="checkbox"/> No		page	



Barbara DuChene
Certified Environmental Services
7280 Caswell Street
North Syracuse, NY 13212 USA

Phone: (315) 478-2374
FAX: (315) 478-2107
Authorization: PO#29166

Laboratory Analysis Report For Certified Environmental Services

LSL Project ID: 1306119

Receive Date/Time: 05/06/13 12:54

Project Received by: RD

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Life Science Laboratories, Inc.

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Fax (585) 728-2711

This report was reviewed by:

Linda M. Peltz, QA

Life Science Laboratories, Inc.

Date:

5/10/13

A copy of this report was sent to:

Page 1 of 2

Date Printed:

5/10/13

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services North Syracuse, NY

Sample ID: 647395

LSL Sample ID: 1306119-001

Location:

Sampled: 05/02/13 14:48

Sampled By:

Sample Matrix: SHW Dry Wt, Soil

Analytical Method	Prep Method		Prep	Analysis	Analyst
Analyte	Result	Units	Date	Date & Time	Initials
(1) EPA 8082 PCB's	EPA 3550B				
Aroclor-1016	<0.2	mg/kg dry	5/8/13	5/10/13	CRT
Aroclor-1221	<0.2	mg/kg dry	5/8/13	5/10/13	CRT
Aroclor-1232	<0.2	mg/kg dry	5/8/13	5/10/13	CRT
Aroclor-1242	<0.2	mg/kg dry	5/8/13	5/10/13	CRT
Aroclor-1248	1.8	mg/kg dry	5/8/13	5/10/13	CRT
Aroclor-1254	<0.2	mg/kg dry	5/8/13	5/10/13	CRT
Aroclor-1260	<0.2	mg/kg dry	5/8/13	5/10/13	CRT
Surrogate (DCB)	95	%R	5/8/13	5/10/13	CRT

85% Total Solids provided by client.

